What are the system requirements for On-Premises installations of PoliteMail?

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Applies To: ■ PoliteMail Desktop ☐ PoliteMail Online ☐ PoliteMail O365

Version: ☐ 4.94 ☐ 4.97 ■ **5.0+**

PoliteMail processes brief bursts of small, high-volume transactions. The server sizing is primarily based on distribution size, and volume of recipient email being processed and measured. A high-performance SQL Server environment is required for all 30K+ implementations. Server sizing requirements (RAM, storage) increase with size of distributions.

Server Configuration Recommendations

Number of Employees	Recommended Server Configuration	SQL Server RAM / Storage
5k - 15k	Single App Server 2C 8GB 100GB	16GB / 100GB (or attached to cluster) Size data according to SQL Sizing Table below.
15k - 30k	Dual App Servers, NLB 2C 8GB 100GB	24GB / 150GB (or attached to cluster) Size data according to SQL Sizing Table below.
30k - 100k	Dual App Servers, NLB 2C 16GB 100GB + Separate SMTP Server 4C 32GB 250GB	32GB / 250GB (or attached to cluster) Size data according to SQL Sizing Table below.
>100k	QUAD App Servers NLB 2C 16GB 100GB + Separate SMTP Server 4C 32GB 250GB + Separate Archive Server 2C 8GB 100GB	64GB / 500GB (or attached to cluster) Size data according to SQL Sizing Table below.

SQL Sizing

Type	Purpose	Specification
Application Server	This is where the application lives and is hosted. Networking traffic will flow through here.	OS Drive: 100GB SSD CPU: Dual Core RAM: 4GB
SQL Server	If opting for a dedicated SQL Server, SQL manages the databases and should have proper maintenance plans that your organization manages. Minimum SQL version 2017. Required collation mode SQL_Latin1_General_CP1_CI_AS.	OS Drive: 100GB SSD Data Drive: 100GB SSD Log Drive: 100GB SSD Backup Drive: 200GB HDD CPU and RAM covered per unique recipient count above.

Type	Purpose	Specification
SMTP Server	This optional system will house IIS6 SMTP for mailflow, as well as the PoliteMail services.	OS Drive: 100GB SSD Mailflow Drive: 100GB SSD; size should be determined by the maximum size of your messages times the total possible number of recipients. CPU: Dual Core RAM: 2GB
Combining	In the case of mixing systems onto a single server, such as APP/SMTP or APP/SMTP/SQL, the drive specs must be followed.	Hardware specs for SMTP may be ignored. Additional 4GB RAM if merging SQL into an application instance.